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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number 09/271,584

Filing Date March 18, 1999

First Named Inventor Eduardo BLUMWALD

Examiner Name A. Kubelik

Group Art Unit 1638

Attorney Docket No. 529642009200

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Total Number Of Pages In This Submission

205 + 2
Refs.

ENCLOSURES (check all that apply)

☒ Fee Transmittal Form (in duplicate)

☐ Fee Attached

☒ Amendment/Reply (24 pages)

☐ After Final

☐ Affidavits/declarations

☒ Extension of Time Request (1 page)

☐ Express Abandonment Request

☒ Information Disclosure Statement
w/Form 1449 (4 pages)

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/
Incomplete Application

☐ Response to Missing Parts
under 37 CFR 1.52 or 1.53

☐ Assignment Papers

☒ Drawings (28 sheets)

☐ Licensing-related Papers

☒ Petition to Accept Photographic
Drawings (2 pages)

☐ Petition to Convert to a
Provisional Application

☒ Associate Power of Attorney (3 pages)

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s) _____

☐ After Allowance Communication to
Group

☐ Appeal Communication to Board of
Appeals and Interferences

☐ Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosures (please identify below):

1. Substitute Specification (Marked-Up
Version) (63 pages)
2. Substitute Specification (Clean
Version) (63 pages)
3. Submission of Formal Drawings (2
pages)
4. Photographic Drawings (in triplicate,
12 sheets total)

Remarks

Other Enclosures Cont'd:

5. Two (2) References

6. Return Receipt Postcard

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm
or

Individual Name

Morrison & Foerster, 425 Market Street, San Francisco, CA 94105

Otis Littlefield, Reg. No. 48,751

Signature

Date

March 18, 2003

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Express Mail Label No.: EV256673958US Date of Deposit: March 18, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Chase Trombella Mitchell

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SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



FEE TRANSMITTAL FOR FY 2002

Patent fees are subject to annual revision.

Complete if Known

Application Number	09/271,584
Filing Date	March 16, 1999
First Named Inventor	Eduardo BLUMWALD
Examiner Name	A. Kubelik
Group Art Unit	1638
Attorney Docket No.	529642000200

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TOTAL AMOUNT OF PAYMENT

\$407.00

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 03-1952

Deposit Account Name: Morrison & Foerster LLP

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☒ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	740	201	370	Utility filing fee	
1002	330	205	165	Design filing fee	
1003	510	207	255	Plant filing fee	
1004	740	208	370	Reissue filing fee	
1005	160	214	80	Provisional filing fee	

SUBTOTAL (1) \$

2. EXTRA CLAIM FEES

Total Claims	25-25 =	Extra Claims	Fee from below	Fee Paid
Independent Claims	5-4 =	1	x	\$42
Multiple Dependent				\$

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1202	18	203	9	Claims in excess of 20
1201	84	202	42	Independent claims in excess of 3
1203	280	204	140	Multiple dependent claims, if not paid
1204	84	208	42	*Reissue independent claims over original patent
1205	18	210	9	*Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$42.00

** or number previously paid, if greater; For reissues, see above.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1051	130	205	65	Surcharge - late filing fee or oath	
1052	50	227	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	139	130	Non-English specification	
1812	2,520	147	2,520	For filing a request for ex parte reexamination	
1804	920*	112	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
1251	110	215	55	Extension for reply within first month	55
1252	400	216	200	Extension for reply within second month	
1253	920	217	460	Extension for reply within third month	
1254	1,440	218	720	Extension for reply within fourth month	
1255	1,960	228	980	Extension for reply within fifth month	
1401	320	219	160	Notice of Appeal	
1402	320	220	160	Filing a brief in support of an appeal	
1403	280	221	140	Request for oral hearing	
1451	1,510	138	1,510	Petition to institute a public use proceeding	
1452	110	240	55	Petition to revive - unavaoicable	
1453	1,280	241	640	Petition to revive - unintentional	
1501	1,280	242	640	Utility issue fee (or reissue)	
1502	460	243	230	Design issue fee	
1503	620	244	310	Plant issue fee	
1460	130	122	130	Petitions of the Commissioner	130
1807	50	123	50	Petitions related to provisional applications	
1806	180	126	180	Submission of Information Disclosure Sheet	180
8021	40	581	40	Recording each patent assignment per properties (times number of properties)	
1809	740	248	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	740	279	370	Request for Continued Examination (RCE)	
1802	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$365.00

SUBMITTED BY

Name (Print/Type)	Otis Littlefield	Registration No. (Attorney/Agent)	48,751	Complete (if applicable)	
Signature	<i>Otis Littlefield</i>	Telephone	(415) 268-6846	Date	March 18, 2003

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